PATENT
09/966,004

1  1. (currently amended) A computer controlled display system
2  for tracking the development of complex software products
3  having a plurality of developmental lines comprising:
4      means for setting in each of said plurality of
5  developmental lines, a sequence of checkpoints;
6      means for tracking each of said developmental lines to
7  determine the reached checkpoints; and
8      means for simultaneously displaying said plurality of
9  developmental lines and indicating said reached checkpoints.

1  2. (original) The computer controlled display system of
2  claim 1 further including:
3      means for modifying said developmental lines and said
4  checkpoints; and
5      means for displaying said modifications.

1  3. (original) The computer controlled display system of
2  claim 2 further including means for displaying at each of
3  said checkpoints, a set of developmental attributes for said
4  checkpoint.

1  4. (original) The computer controlled display system of
2  claim 3 further including:
3      means for modifying said developmental attributes for
4  each of said checkpoints; and
5      means for displaying said modifications at each of said
6  checkpoints.

1  5. (original) The computer controlled display system of
2  claim 3 wherein said developmental attributes include
3  actions performed in said software product development.

AUS920010767US1                    2

PATENT
09/966.004

1   6. (original) The computer controlled display system of
2 claim 5 wherein said means for modifying said actions switch
3 said actions to other of said developmental lines.

1   7. (original) The computer controlled display system of
2 claim 2 wherein:
3     said means for tracking are remote from said means for
4 displaying,
5     and said system further includes:
6     means for storing, in association with said means for
7 displaying, the data tracked by said means for tracking; and
8     means for communicating the data tracked to said means
9 for storing.

1   8. (currently amended) A method for tracking the development
2 of complex software products having a plurality of
3 developmental lines on a computer controlled display
4 comprising:
5     setting in each of said plurality of developmental
6 lines, a sequence of checkpoints;
7     tracking each of said developmental lines to determine
8 the reached checkpoints; and
9     simultaneously displaying said plurality of
10 developmental lines and indicating said reached checkpoints.

1   9. (original) The method for tracking of claim 8 further
2 including the steps of:
3     modifying said developmental lines and said
4 checkpoints; and
5     displaying said modifications.

AUS920010767US1                    3

PATENT
09/966,004

1   10. (original) The method for tracking of claim 9 further
.2  including the step of displaying at each of said
3   checkpoints, a set of developmental attributes for said
.4  checkpoint.

1   11. (original) The method for tracking of claim 10 further
.2  including the steps of:
3       modifying said developmental attributes of a plurality
4   of said checkpoints; and
.5      displaying said modifications at each of said modified
6   checkpoints.

.1  12. (original) The method for tracking of claim 10 wherein
.2  said developmental attributes include actions performed in
.3  said software product development.

.1  13. (original) The method for tracking of claim 12 wherein
2   said step of modifying said actions switches said actions to
3   other of said developmental lines.

1   14. (original) The method for tracking of claim 9 wherein:
2       said step of tracking is carried out remote from said
.3  displaying step,
4       and further including the steps of:
5       storing, in association with said displaying step, the
.6  data tracked in said tracking step; and
.7      communicating the data tracked to said storing step.

AUS920010767US1                    4

PATENT
09/966,004

1   15. (currently amended) A computer program having code
2 recorded on a computer readable medium for tracking, on a
3 computer controlled display, the development of complex
4 software products having a plurality of developmental lines
5 comprising:
6      means for setting in each of said plurality of
7 developmental lines, a sequence of checkpoints;
8      means for tracking each of said developmental lines to
9 determine the reached checkpoints; and
10      means for simultaneously displaying said plurality of
11 developmental lines and indicating said reached checkpoints.

1   16. (original) The computer program of claim 15 further
2 including:
3      means for modifying said developmental lines and said
4 checkpoints; and
5      means for displaying said modifications.

1   17. (original) The computer program of claim 16 further
2 including means for displaying at each of said checkpoints,
3 a set of developmental attributes for said checkpoint.

1   18. (original) The computer program of claim 17 further
2 including:
3      means for modifying said developmental attributes for
4 each of said checkpoints; and
5      means for displaying said modifications at each of said
6 checkpoints.

1   19. (original) The computer program of claim 17 wherein said
2 developmental attributes include actions performed in said
3 software product development.

AUS920010767US1           5

PATENT
09/966,004

20. (original) The computer program of claim 19 wherein said means for modifying said actions switch said actions to other of said developmental lines.

21. (original) The computer program of claim 16 wherein:
said means for tracking are remote from said means for displaying,
and said system further includes:
means for storing, in association with said means for displaying, the data tracked by said means for tracking; and
means for communicating the data tracked to said means for storing.

22. (currently amended) A computer controlled display system for tracking the building of a program product from a functional implementation stage to a complete integrated program product comprising:
a plurality of developmental lines respectively corresponding to each of a plurality of program components to be integrated into said complete program product;
means for setting in each of said plurality of developmental lines, a sequence of checkpoints;
means for tracking each of said developmental lines to determine the reached checkpoints; and
means for _simultaneously_ displaying said plurality of developmental lines and indicating said reached checkpoints.

23. (original) The computer controlled display system of claim 22 further including means for displaying at each of said checkpoints, a set of attributes for said checkpoint related to the compatibility functions of said checkpoint line.

AUS920010767US1                            6

PATENT
09/966,004

1  24. (original) The computer controlled display system of
2  claim 23 further including:
3       means for modifying said attributes for each of said
4  checkpoints; and
5       means for displaying said modifications at each of said
6  checkpoints.

1  25. (currently amended) A method for tracking, on a computer
2  controlled display, the building of a program product from a
3  functional implementation stage to a complete integrated
4  program product comprising:
5       setting up a plurality of developmental lines
6  respectively corresponding to each of a plurality of program
7  components to be integrated into said complete program
8  product;
9       setting up in each of said plurality of developmental
10  lines, a sequence of checkpoints;
11      tracking each of said developmental lines to determine
12  the reached checkpoints; and
13      simultaneously displaying said plurality of
14  developmental lines and indicating said reached checkpoints.

1  26. (original) The method for tracking of claim 25 further
2  including the step of displaying at each of said
3  checkpoints, a set of attributes for said checkpoint related
4  to the compatibility functions of said checkpoint line.

1  27. (original) The method for tracking of claim 26 further
2  including the steps of:
3       modifying said attributes for each of said checkpoints;
4  and
5       displaying said modifications at each of said
6  checkpoints.

AUS920010767US1                    7

PATENT
09/966,004

1    28. (currently amended) A computer program having code
2    recorded on a computer readable medium for tracking, on a
3    computer controlled display, the building of a program
4    product from a functional implementation stage to a complete
5    integrated program product comprising:
6        means for tracking a plurality of developmental lines
7    respectively corresponding to each of a plurality of program
8    components to be integrated into said complete program
9    product;
10       means for setting in each of said plurality of
11   developmental lines, a sequence of checkpoints;
12       means for determining the reached checkpoints in each
13   of said plurality of developmental lines; and
14       means for _simultaneously_ displaying said plurality of
15   developmental lines and indicating said reached checkpoints.

1    29. (original) The computer program of claim 28 further
2    including means for displaying at each of said checkpoints,
3    a set of attributes for said checkpoint related to the
4    compatibility functions of said checkpoint line.

1    30. (original) The computer program of claim 29 further
2    including:
3        means for modifying said attributes for each of said
4    checkpoints; and
5        means for displaying said modifications at each of said
6    checkpoints.

AUS920010767US1                    8

PATENT
09/966,004

81. (newly added) A method for tracking the development of complex software products having a plurality of developmental lines on a computer controlled display comprising:

setting in each of said plurality of developmental lines, a sequence of checkpoints;

tracking each of said developmental lines to determine the reached checkpoints;

modifying said developmental lines and said checkpoints including the switching of an action required at the checkpoint to a checkpoint in another developmental line;

simultaneously displaying, remote from said tracking, said plurality of developmental lines indicating said reached checkpoints, and modifications to said developmental lines and said checkpoints;

storing, in association with said displaying step, the data tracked in said tracking step; and

communicating the data tracked to said storing step.

AUS920010767US1                       9